

# NOTICE OF MEETING

## *CITY OF BRANSON*



### BOARD OF ALDERMEN

*Luncheon – Thursday, February 17, 2011 – 12:00 p.m.*  
Administrative Conference Room – Branson City Hall – 110 W. Maddux  
(MEAL ONLY)

*Study Session– Thursday, February 17, 2011 – 12:30 p.m.*  
Municipal Courtroom – Branson City Hall – 110 W. Maddux

### AGENDA

- 1) Call to Order.
- 2) Roll Call.
- 3) Administrator's Report.
- 4) Discussion of previous Study Session items.
- 5) Review of February 22, 2011 Agenda.
- 6) Update on Solid Waste Management. [Powerpoint]
- 7) Presentation by HDR on Biosolids. [Powerpoint]
- 8) Mayor's Report.
- 9) Board of Aldermen requests for agenda items to be placed on future agendas.
- 10) Adjourn.

## **PREVIOUS ITEMS DISCUSSED AT STUDY SESSIONS**

- 1) Discussion regarding signs, outside merchandise and false advertising. (Scheduled for March 3, 2011 Study Session)
- 2) Review of EPC Energy Performance Contract.

# **BRANSON BOARD OF ALDERMEN AGENDA**

**February 22, 2011**

**7:00 p.m.**

**Meeting Called to Order  
Pledge of Allegiance  
Invocation – Garrett Anderson  
Roll Call**

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## **PUBLIC COMMENT:**

**To speak during public comment, please sign the speaker sign-up sheet located at the front door of the council chambers prior to the start of the meeting.**

## **CONSENT AGENDA:**

- 1) Approval of Board of Aldermen Minutes:  
a) February 8, 2011 Regular Meeting  
b) February 10, 2011 Special Meeting**
- 2) Acknowledge Receipt of Minutes:  
a) Planning & Zoning Commission Study Session of January 4, 2011  
b) Planning & Zoning Commission Regular meeting of January 4, 2011**
- 3) Final Reading of Bill No. 3900 amending Chapter 46, Section 46-555 of the Branson Municipal Code pertaining to containers.**
- 4) Final Reading of Bill No. 3903 accepting the proposal of World Wide Technology pertaining to computer software for the City of Branson and authorizing the Mayor to execute the contract.**
- 5) Final Reading of Bill No. 3905 accepting the proposal of The Salvation Army pertaining to the provision of services to provide temporary emergency help for the needy and authorizing the Mayor to execute the contract.**
- 6) Final Reading of Bill No. 3906 accepting the proposal of The Women's Crisis Center pertaining to the provision of services to provide temporary emergency help for the needy and authorizing the Mayor to execute the contract.**
- 7) Final Reading of Bill No. 3907 accepting the proposal of Branson Art's Council (BAC) pertaining to the provision of services for community arts and cultural activities and authorizing the Mayor to execute the contract.**

- 8) **Final Reading of Bill No. 3908 approving the renewal of the contract with Ozarks Coca-Cola/Dr. Pepper Bottling Company for merchandise resale.**

**REGULAR:**

- 9) **Presentation of the Year-End 2010 Chamber Report by Ross Summers and Dan Lennon of the Branson/Lakes Area Chamber of Commerce, as required by contract.**
- 10) **Update by Jamie Rouch on monthly financial reports.**
- 11) **First Reading of Bill No. \_\_\_\_ approving WA Wilderness Area District at 412 Owen Lane.**
- 12) **First Reading of Bill No. \_\_\_\_ approving a financing agreement between the City of Branson, Missouri, and the Industrial Development Authority of the City of Branson, Missouri, for the purpose of providing funds to finance the costs of certain improvements; and authorizing and approving certain documents and other actions in connection therewith.**
- 13) **First Reading of Bill No. \_\_\_\_ approving a municipal code amendment to Chapter 90 pertaining to Sewer Service Annexations.**

**BID AWARDS:**

- 14) **First Reading of Bill No. \_\_\_\_ accepting the proposal of PSC Environmental Services pertaining to transportation and disposal of household chemical collections and authorizing the Mayor to execute the contract.**
- 15) **First Reading of Bill No. \_\_\_\_ accepting the proposal of Grooms pertaining to the purchase of office furniture for the City Clerk/Municipal Court Offices and authorizing the Mayor to execute the contract.**

**RESOLUTIONS:**

- 16) **A Resolution authorizing the surplus of two obsolete water towers.**

**APPOINTMENTS:**

- 17) **Appointments.**

**MAYOR/CITY ALDERMEN/CITY ADMINISTRATOR'S REPORTS**

**ADJOURN INTO EXECUTIVE SESSION**

**Closed Executive Session pursuant to 610.021.1 RSMo for litigation.**

**ADJOURN**

## MEMORANDUM

TO: Dean Kruithof, City Administrator

FROM: David Miller, City Engineer/Dir. Of Public Works

DATE: February 14, 2011

SUBJECT: Solid Waste Management and Curbside Recycling Update

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The Board of Aldermen has not discussed the issues of solid waste management and curbside recycling for several months. It would be appropriate to provide the Board a brief update of the status of those issues and a report on the progress that has been made. Mona Menezes has been scheduled to attend the February 17<sup>th</sup> Aldermen Study Session to provide the status report.

Mona will be describing several items involving solid waste and curbside recycling. These topics will include:

- A brief synopsis of the background of the curbside recycling effort
- Highlights of recent recycling efforts in Branson
- A summary of what surrounding communities are doing with recycling
- Branson's options for curbside recycling and the benefits of a "Single Provider"
- Options for how the City could manage the costs for a curbside recycling program.

# Solid Waste Management and Curbside Recycling Updates Branson, MO

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February 17 2011

Mona Menezes  
Environmental Specialist  
[mmenezes@bransonmo.gov](mailto:mmenezes@bransonmo.gov)  
417-337-8566



# State Law RSMO 260.247

- Letter of Intent to enter business of solid waste collection
- The City shall not commence **solid waste collection** for at least two years from the effective date of the notice.
- If the City does not exercise its option to provide for or contract for the provision of services within three years from the notice...
- ...the City must undertake notification again with the original timelines restarted.

# Actions Taken:

- 2009 – Staff met with each licensed solid waste hauler
- November & December 2009 - Public discussions during Board of Alderman meetings
- January 2010 – “Special Meeting” for public to discuss solid waste franchising and curbside recycling
- **February 9 2010** - Board authorized Mayor Presley to send certified “letter of intent to enter the business of solid waste collection.” Letter of intent would allow solid waste contract for City of Branson no sooner than April 2012 and no later than April 2013

# Updates since February 2010

- Assembled data on 6 Missouri cities in process
- Attempting to hire a consultant to guide final 2-year process, develop RFP and review Branson ordinance which supports letter of intent. Negotiations are currently stalled.
  - Our own city attorney reviewing ordinance and will provide clarification.

# Updates & Highlights

- **Epps Trash Service** launches pilot curbside recycling with regular trash pickup in Lakewood Estates. February 2010
- **Allied** negotiating with Point Royale for recycle drop-off bins to be place on property.
- **Brown's Trash Service** launching recycle center in Cassville
- Staff assembled information & guidelines to develop RFP for solid waste management and curbside recycling.
- Existing **Recycle Center** is renovated. Enclosed with garage doors. New contract let for increased income from sale of recyclables.

# Successful Franchise/Nearby Cities

- Ozark
- Nixa
- Kimberling City
  - Franchised solid waste/recycle services since 1995
  - Includes businesses
- Hollister
- Forsyth
- Rockaway Beach

# Options

- Commercial or Residential Only
  - Our ordinance supports residential only at this time.

# Benefits to Single Provider

- Give community a neater appearance
- No “multiple trash bins” all week
- May negotiate for lower rates for citizens based on volume
- May negotiate for green waste services
- May negotiate for drop-off site bins
- Limit # of trucks - Trash trucks are heavy
- They damage streets
  - A necessary part of commerce
  - Multiple trucks do multiple damage
  - Stonebridge limiting trash service to limit road resurfacing
  - “1 solid waste truck = 3000-6000 cars impact on streets\*\*”

\*\*Source: Engineers Design Manual for Equivalent Loading Chart.  
Provided by Mark Thornsby, Springfield Director of Public Works

# City Collection of Hauler's Bills

- 256 cities responding,
  - 185 cities (72%) state they collect the bill and pay the hauler
  - Small communities much more likely to collect the bill for the hauler.
  - 78% of the cities under 5,000 population collect the bill for the hauler.

- Mona Menezes
- Environmental Specialist
- [mmenezes@bransonmo.gov](mailto:mmenezes@bransonmo.gov)
- 417-337-8566



## MEMORANDUM

**TO:** Mayor, Board of Aldermen, & City Administrator  
**FROM:** Mike Ray, Utilities Director  
**DATE:** February 14, 2011  
**SUBJECT:** Regional Biosolids Drying Facility

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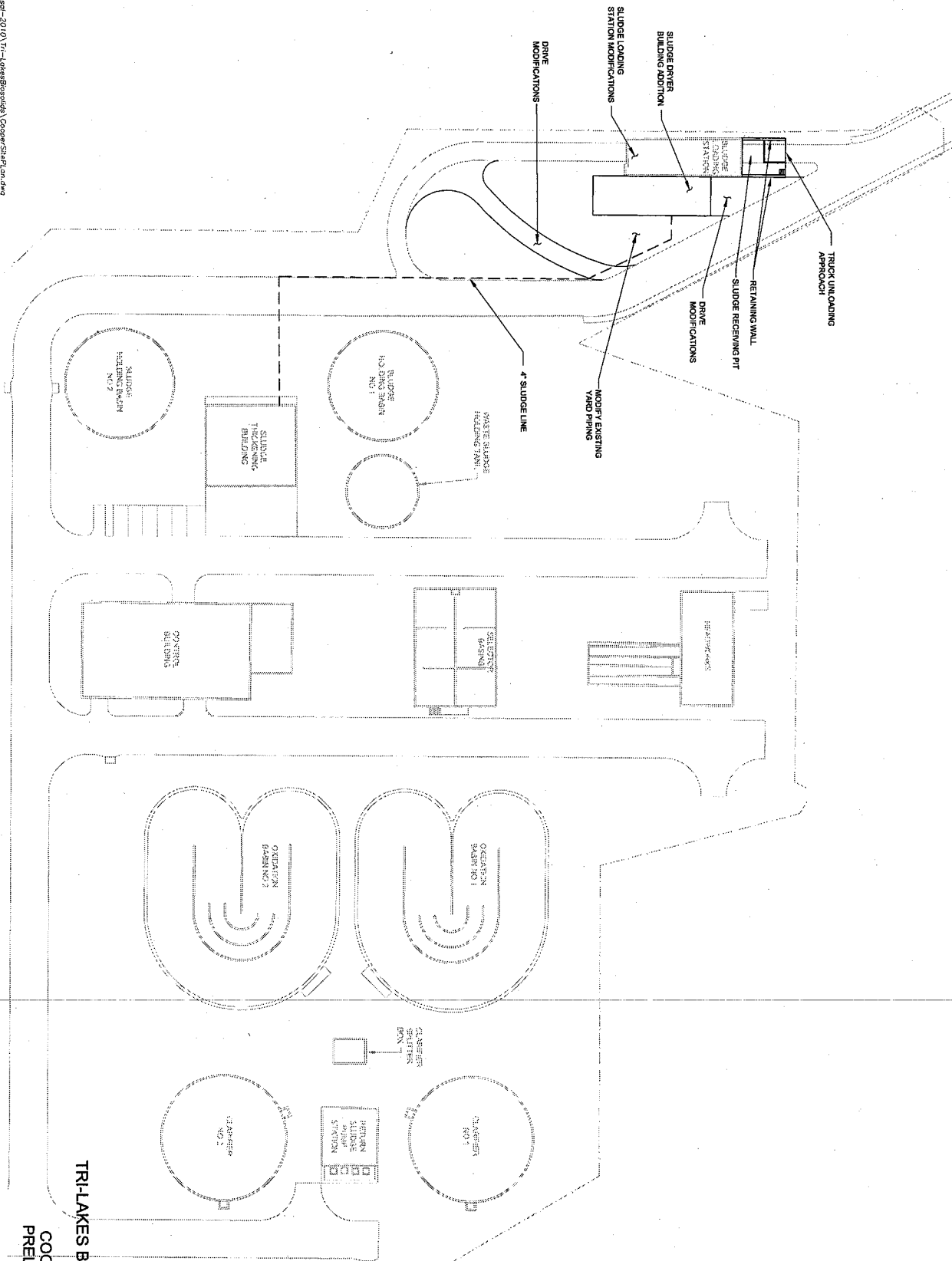
Attached are the following documents for your review:

- Power Point – Tri-Lakes Biosolids Partnership – Regional Drying Facility Project Update
- Biosolids Project - Preliminary Site Plans
- Updated Estimate of Project Costs

On September 8, 2010 the Missouri Clean Water Commission gave final approval of a \$3 million state grant to combine with a previous \$3 million matching commitment by the Taney County Commission and Taney County Sewer District, for funding of a regional biosolids drying facility. Following the approval of funding the Sewer District Board awarded a contract to HDR Engineering to update projected operational costs for participating members and to design preliminary plans for the drying facility. HDR has provided the preliminary design work with consideration given to keep the project engineering and construction costs within a \$6 million budget. Monthly meetings are being held by the partnering entities and HDR to discuss operational concepts and responsibilities.

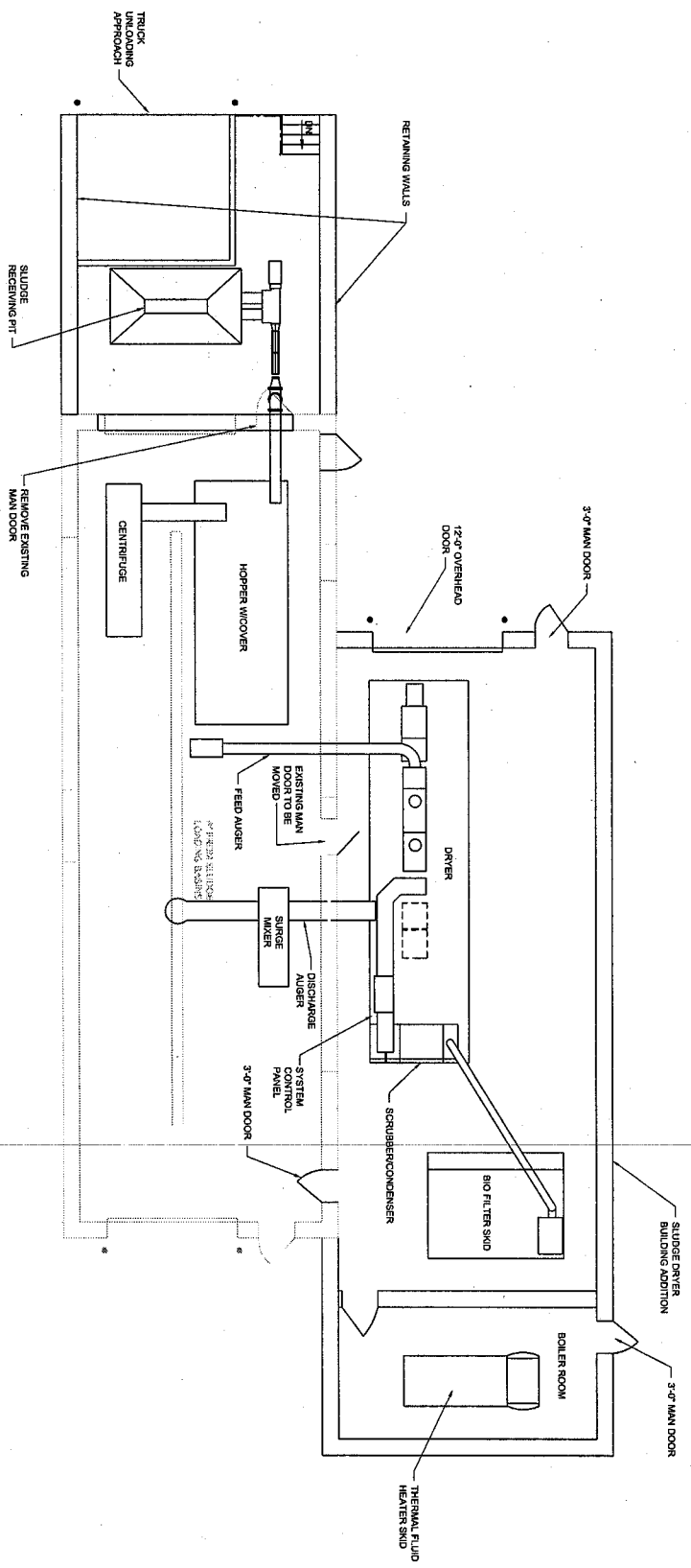
On January 4, 2011 HDR presented updated information to the Sewer District Board which included the latest projected operational costs, design concepts and anticipated construction costs. In the design concepts, the main drying facility will be located at the Branson Cooper Creek wastewater plant. Additional sludge dewatering equipment will be located at Branson's Compton Drive plant and Hollister's wastewater plant. Under the operational concept Branson personnel would also operate the drying facility under contract with the partnership.

Following HDR's presentation the Sewer District Board asked if the Cities involved are still committed to the project. The District also wanted assurance through updated Letters of Intent that the partners are committed to pay the necessary operational costs. As a result of the request for updated letters HDR has agreed to provide presentations to each city's council explaining cost information for construction and operations of the proposed facility. HDR representatives will attend the Study Session scheduled for February 17, 2011 to provide up to date information on the project, explain their preliminary recommendations and answer questions.

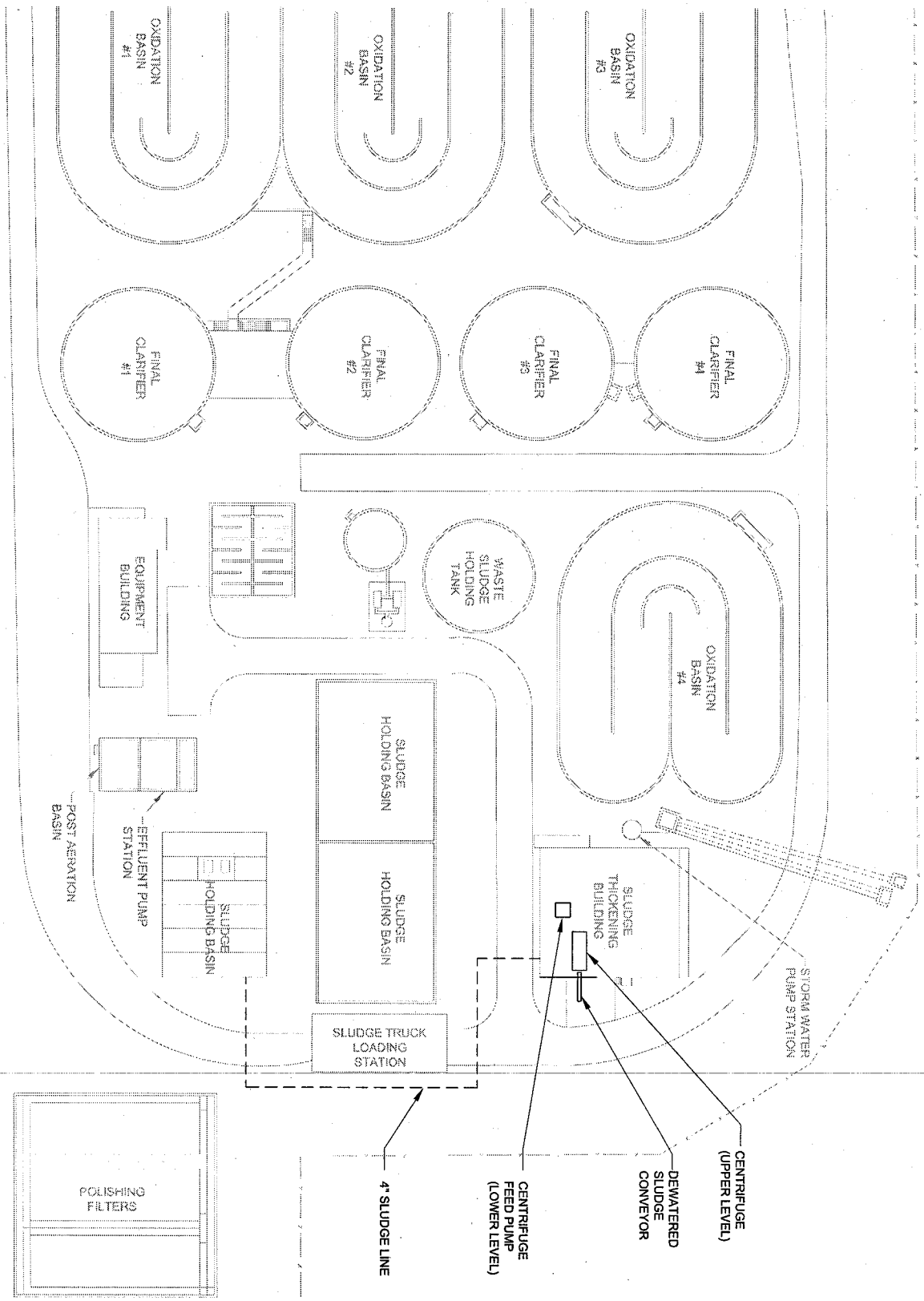


TRI-LAKES BIOSOLIDS PARTNERSHIP  
FIGURE 9-1  
COOPER CREEK WWT  
PRELIMINARY SITE PLAN

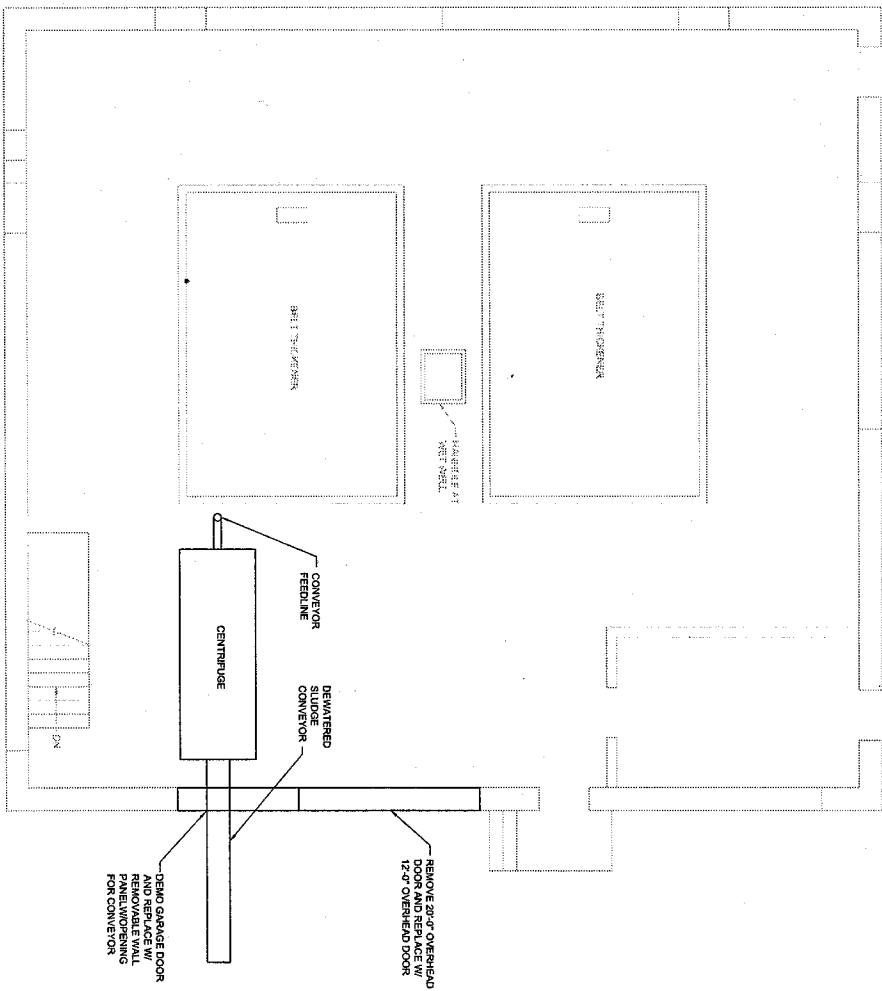
**HDR**  
ENGINEERING, INC.



PLAN



SLUDGE THICKENING BUILDING (UPPER LEVEL)  
PLAN



SCALE: 1/4" = 1'-0"

**Table 9-1 Updated Opinion of Project Costs for Recommended Alternative and Reduced Cost Plan**

Description	Original Plan Recommendation	2010 Update of Original Plan	Existing Facilities Use Option
<b>Dryer &amp; Centrifuge at Branson Cooper Creek WWTP</b>			
Excavation	\$18,000	\$19,000	\$4,000
New Building	\$1,080,000	\$1,136,000	
Building Expansion			\$508,000
Centrifuge	\$295,000	\$150,000	\$150,000
Centrifuge Installation	\$74,000	\$38,000	\$38,000
Centrifuge Feed Pump	\$25,000	\$20,000	\$20,000
Centrifuge Feed Pump Installation	\$6,000	\$5,000	\$5,000
Polymer Feed System			\$25,000
Wet Sludge Transfer Conveyor			\$34,000
Wet Sludge Receiving	\$150,000	\$200,000	\$200,000
Sludge Dryer	\$1,200,000	\$1,200,000	\$1,200,000
Sludge Dryer Installation	\$480,000	\$480,000	\$300,000
Cake Receiving Bin	\$300,000		
Dry Product Conveyor	\$75,000	\$75,000	\$75,000
Truck Scale	\$70,000	\$70,000	\$70,000
Civil/Piping	\$220,000	\$231,000	\$261,000
Electrical/I&C	\$300,000	\$316,000	\$289,000
Subtotal Cooper Creek WWTP	\$4,293,000	\$3,940,000	\$3,179,000
<b>Centrifuge at Hollister WWTP</b>			
Excavation	\$4,000	\$4,000	
New Building	\$520,000	\$546,973	
Building Modifications			\$69,000
Centrifuge	\$295,000	\$150,000	\$150,000
Centrifuge Installation	\$74,000	\$38,000	\$38,000
Centrifuge Feed Pump	\$25,000	\$20,000	\$20,000
Centrifuge Feed Pump Installation	\$6,000	\$5,000	\$5,000
Polymer Feed System			\$25,000
Wet Sludge Transfer Conveyor	\$24,000	\$24,000	\$34,000
Civil/Piping	\$50,000	\$53,000	\$106,000
Electrical/I&C	\$100,000	\$105,000	\$89,000
Subtotal Hollister WWTP	\$1,098,000	\$945,973	\$536,000
<b>Centrifuge at Branson Compton Drive WWTP</b>			
Excavation	\$4,000	\$4,207	
New Building	\$520,000	\$546,973	
Building Modifications			\$50,000
Centrifuge	\$295,000	\$150,000	\$150,000
Centrifuge Installation	\$74,000	\$38,000	\$38,000
Centrifuge Feed Pump	\$25,000	\$20,000	\$20,000
Centrifuge Feed Pump Installation	\$6,000	\$5,000	\$5,000
Polymer Feed System			\$25,000
Wet Sludge Transfer Conveyor	\$24,000	\$24,000	\$34,000
Civil/Piping	\$50,000	\$52,594	\$72,000
Electrical/I&C	\$100,000	\$105,187	\$79,000
Subtotal Compton Drive WWTP	\$1,098,000	\$945,962	\$473,000
<b>Mobile Dewatering Unit</b>			
Mobile Centrifuge	\$230,000	\$265,000	\$265,000
Construction Subtotal	\$6,719,000	\$6,096,935	\$4,453,000
Contingency	\$1,680,000	\$1,524,000	\$668,000
Engineering	\$1,008,000	\$1,008,000	\$768,000
<b>TOTAL COST</b>	<b>\$9,407,000</b>	<b>\$8,628,935</b>	<b>\$5,889,000</b>

# Tri-Lakes Biosolids Partnership Regional Drying Facility Project Update

*Mike Pessina, P.E.  
HDR Engineering*



*City of Branson  
February 17, 2011*



# Partnership Members

- **Branson**
- **Branson West**
- **Forsyth**
- **Hollister**
- **Kimberling City**
- **Rockaway Beach**
- **Taney Regional Sewer District**

# Project History

- **2008 Study Recommended Regional Biosolids Drying Facility**
  - Dryer & Centrifuge at Branson Cooper Creek WWTP
  - Centrifuges at Hollister WWTP and Branson Compton Drive WWTP
  - Mobile Centrifuge
- **Funding Became Available in 2010**
  - \$3.0MM from MDNR
  - \$3.0MM from Taney County

# Benefits of Project

- **Long Term Solution for Biosolids**
  - Availability of Land
  - Existing Capacity
- **Cost Effective**
  - Reduce or Avoid Future Construction
- **Environmental Benefit**
  - End Land Application of Liquid Sludge
  - Truck Traffic Reduced
- **Peace of Mind**

# Division of Costs

- **Capital Costs**
  - Grant from MDNR
  - Taney County Sewer Sales Tax
- **Operation and Maintenance Costs**
  - Partnership Members Proportional to Use

# Operational Costs

City	% of Sludge Production
Branson	59%
Branson West	1%
Forsyth	4%
Hollister	26%
Kimberling City	9%
Rockaway Beach	1%

# 2010 Operational Costs

City of Branson	
Current Sludge Disposal Costs	\$325,000
Estimated Regional O&M Costs	\$342,000
Current Costs to be Retained	\$126,000
Annual Budget Increase	\$143,000

# Next Steps

- **Next Board of Aldermen Meeting**
  - Letter of Intent
- **2011**
  - Design and Permitting
  - Partnership Agreement
- **2012**
  - Construction and Startup

# QUESTIONS



HDR